EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	14	428/408,336,446,698,469,472 cots AND ((diamond'3like NEARI carbon) OR DLC) AND (nanoma'3like NEARI carbon) CR DLO) AND (nanomposite OR nano"composite OR DLN) AND (titanium OR chromium OR (titanium NEARI (carbide OR nitride)) OR (chromium NEARI (natride OR carbide) OR TIN OR TION OR O'N OR 'O'. sub. 3C. sub. 2" (OR TiO) AND (level layer structure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/07
L5	1	4281 408,336,446,698,469,472,cols. AND ((diamond/flike NEARI carbon) OR DLO) SAME (nanocomposite OR nano?composite OR DLN) SAME (titanium OR chromium OR (titanium NEARI (carbide OR nitride)) OR (chromium NEARI (nitride OR carbide) OR TIN OR TION OR ON OR "O. sub.3C.sub.2" (OR Tio)) AND (level layer structure)	US-PGPUB; USPAT; USPOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/07 10:13
L6	0	"6228471.pn"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/07 10:15
L7	0	*6228471.pn.*	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/07 10:15
L8	2	*6228471*.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/07 10:15
L9	1	"428" clas. AND ((diamond'ilike NEAR) carbon) OR DLO, SAWE (nanocomposite OR DLN) SAWE ((titanium OR orthornium OR (titanium OR orthornium OR (titanium NEAR) (carbide OR nitride) OR (chromium NEAR) (nitride OR carbide) OR TIN OR OR ON OR ON OR 'O. sub 3C sub 2" OR TICO OR ON OR 'O. sub 3C sub 2" OR TICO) AND (level layer structure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/07 10:18
L10	35	F428" clas. AND ((diamond*)ike NEARI carbon) CR DLC) AND (nanocomposite OR nano*composite OR DLN) AND (titanium OR chromium OR (titanium NEARI (carbide OR Intitide)) OR (chromium NEARI (nitride OR carbide) OR TIN OR TICN OR CN OR "C's sub 3C sub 2" OR Tic)) AND (televal layer structure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/07

L11	21	L10 NOT L4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/07 10:18
L12	1	-6110329*.pn. AND (titanium chromium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/07 10:19
L13	0	"6110329",pn. AND (titanium chromium) AND DLN AND DLC	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/07 10:20
SI	7090	423/446.cols. OR 427/402.cols. OR 428/552,688,699.cols.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 08:47
S2	6	"5795648".PN. OR "5466431".PN. OR "6200675".PN.	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 08:50
S3	1240	St AND (layer WITH (titanium OR chromium))	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 08:52
S4	12	St AND (layer WITH (titanium OR chromium)) SAME (diamond\$1 like ADJ1 carbon)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 08:52
S5	16	((VENKATRAMAN ADJI CHANDRA) OR (MAJERONI ADJI KEITH) OR (KESTER ADJI DANIEL)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 08:56
S6	2	((VENKATRAMAN ADJI CHANDRA) AND (MAJERONI ADJI KEITH) AND (KESTER ADJI DANIEL)).INV.	US-PGPUB; US-PAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 08:56

S7	1	((VENKATRAMAN ADJI CHANDRA) OR (MAJERONI ADJI KEITH) OR (KESTER ADJI DANIEL)). INV. AND SI	US PGPUB; USPAT; USOCR; FPRS, EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 08:56
S8	7150	423/446 cols. OR 427/402 cols. OR 428/552,688,699 cols.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 08:40
S9	3	S3 AND (layered NEAP2 structure) SAME (layer WITH ((TI AND Q) OR (Titanium AND Chromium)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 08:40
S10	486	S8 AND ((layer OR core OR center) WITH ((TI AND C) OR (Titanium AND Chromium)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 08:40
S11	1	SS AND ((layer OR core OR center) WITH ((TI AND Q) OR (Titanium AND Ghromium)) AND (layer NEAR2 DLN) AND (layer NEAR2 DLC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 08:41
S12	6	S8 AND ((layer OR core OR center) WITH ((TI AND C) OR (Titanium AND Chromium)) AND (layer NEAR2 diamond \$like) AND (layer NEAR2 DLC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 08:41
S13	168	((layer OR core OR center) WITH ((TI AND C) OR (Titanium AND Chromium))) AND (layer NEAR2 diamond\$like) AND (layer NEAR2 DLC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 08:44
S14	3	((layer OR core OR center) WITH ((TI AND C) OR (Titanium AND Chromium))) AND (layer NEAP2 diamondsike NEAP2 nanocomposite) AND (layer NEAP2 DLC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 08:48
S15	5	[((layer OR core OR center) WITH ((TT AND O) OR (Titanium AND Orromium) OR TIC OR 'titanium arabide' OR Tit NO 'Titanium intride' OR titanium OR chromium OR TICNON OR ON OR O'32 OR O''S sub 3C sub 27) AND (layer NEAR2 diamondSlike NEAR2 nanocomposite) AND (layer NEAR2 [D.C.)	US PGPUB; USPAT; USOCR, FPRS, EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 08:50

S16	86	[(layer OR core OR center) WITH ([TI AND C) OR (Titanium AND Chromium) OR TIC OR Titanium carbide "OR TIN OR "titanium nitride" OR titanium OR chromium OR TICNN OR ON OR OR ON OR ON OR OR OR ON OR ON OR OR OR ON OR	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	or of the second	ON	2009/04/16 08:53
S17	2	S8 AND ((layer OR core OR center) WITH ((TI AND C)) OR (Intanium AND C) CORT (Intanium Cortonium) OR TIC OR "Ittanium carbide" OR TIN OR "Ittanium nitride" OR titanium OR chromium OR TICNN OR CN OR C3C2 OR "C3.sub.3C.sub.2")) AND ((layer OR shell OR cover OR covering) NEAF2 (diamondSilke NEAF2 (material OR nanocomposite)) AND ((layer OR shell OR cover OR covering) NEAF2 (DLC OR (diamondSilke NEAF2 carbon)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 08:53
S18	86	((Ilayer OR core OR center) WITH ((TI AND C) OR (Titanium AND Chromium) OR TiC OR 'Itanium carbide' OR TiN OR 'Itanium nitride' OR titanium OR chromium OR TICNN OR GN OR OR OR 'Or, sub. 3C, sub. 2')) AND ((Ilayer OR shell OR cover OR covering) NeAP2 diamondslike NEAP2 (material OR nanocomposite)) AND ((Ilayer OR shell OR cover OR covering) NEAP2 (DLC OR (diamondslike NEAP2 carbon)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 10:26
S19	1	["342" clas. OR "502" clas. OR "252" clas.) AND ((layer OR core OR center) WITH ((TI AND C) OR (Titanium AND Chromium) OR TIC OR "titanium carbide" OR TIN OR "titanium ritride" OR Itinium OR chromium OR TICNN OR CN OR C3C2 OR "C. sub. 3C sub. 2") AND ((layer OR shell OR cover OR covering) NEAP2 diamond Sike NEAP2 (material OR nanocomposite)) AND ((layer OR shell OR cover OR covering) NEAP2 (DLC OR (diamond\$like NEAP2 carbon)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 10:26
S20	2	"5352493".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 10:57
S21	5	[(layer OR core OR center) WITH (ITI AND C) OR (Titanium AND Orromium) OR TIC OR 'titanium carbide' OR TIN OR 'titanium natride' OR titanium OR tirown OR OR ON OR O3C2 OR '0. sub.3C.sub.2")) AND (layer NEAR2 diamond\$tis NEAR2 nanocomposite) AND (layer NEAR2 DLC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 11:09

S22	5	((Iayer OR core OR center OR middle) WITH (ITI AND O) OR (Titanium AND Chronium) OR TiCOR "titanium carbide" OR TIN OR "titanium intride" OR titanium OR chromium OR TICN OR ON OR G302 OR "C's ubb 3.5ub 2") AND ((Ievel OR layer) NEAP2 diamond\$like NEAP2 nanocomposite) AND ((Ievel OR layer) NEAP2 DICO NEAP2 (Interpret OR layer) NEAP2 DICO NE	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 09:17
S23	7	("0121990" "20040074467" "20040206600" "4666786" "5249554" "5909879"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/08 09:18
S24	64	((((Tī AND C) OR (Tītanium AND Chromium) OR Tīc OR "titanium carbide" OR TīN OR "tītanium nitride" OR titanium OR chromium OR TīCN OR CN OR C3C2 OR "C. sub 3C sub 2")) AND (diamondšlike NEAP2 nanocomposite) AND (OLC OR (diamond*like NEAR1 carbon)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 09:19
S25	0	S24 AND S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 09:19
S26	8	((layer OR core OR enter OR middle) WITH ((Ti AND C) OR (Titanium AND Chromium) OR TIC OR "titanium carbide" OR TIN OR "titanium nitride" OR titanium OR chromium OR TICN OR ON OR G3C2 OR "C". sub 3C. sub 2T) AND ((level OR layer) NEAP2 diamond\$like NEAP2 nanocomposite) AND ((level OR layer) NEAP2 (DLC OR (diamond*like NEAR1 carbon))	US-PGPUB; USPAT; USOCR; FPRS, EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 09:19
S27	7259	423/446.cds. OR 427/402.cds. OR 428/552,688,699.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 09:20
S28	5	((((Tī AND C) OR (Tītanium AND Chromium) OR Tīc OR "tītanium carbide" OR TīN OR "tītanium nitride" OR tītanium OR chromium OR TīCN OR QN OR Q3Q2 OR "Q". sub 3G.sub.2") AND (diamondšlike NEAP2 nanocomposite) AND (DLC OR (diamond*like NEAR1 carbon))) AND S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 09:20
S29	21	((Igyer OR core OR enter OR middle) WITH ((TI AND O) OR (Trianium AND Chromium) OR TIC OR "Ittanium carbide" OR TIN OR "Ittanium nitride" OR Itlanium OR rich OR TICN OR ON OR G3C2 OR "C'sub 3Csub.2")) AND ((Ievel OR Iayer OR cod TOR Coating) NAP2 (idenoral Silke NEAP2 nanocomposite) AND ((Coat OR coating OR level OR layer) NEAP2 (DLC OR (diamond*ike NEAR1 carbon)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 09:22

S30	21	[((layer OR core OR center OR middle) WITH ((Ti AND Q') OR (Titanium AND Chromium) OR TiC OR 'Ittanium carbide' OR TIN OR 'Ittanium nitride' OR titanium OR chromium OR TICN OR QN OR G3C2 OR 'Cc. sub 3C.sub.2")) AND ((level OR layer OR coat OR coating) NEAF2 diamond? like NEAF2 nanocomposite) AND ((coat OR coating OR level OR layer) NEAF2 (DLC OR (diamond?)like NEAF1 (actor)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 09:24
S33	20	428/408,336,446,698,469,472.cds. AND (diamond?like NEAR1 carbon) AND (nanocomposite)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/10 13:53
S34	14	428/408,336,446,698,469,472,ccs. AND (diamond'fike NEAR1 carbon) AND (nanocomposite) AND (titanium OR chromium OR (titanium NEAR1 (carbide OR nitride)) OR (chromium NEAR1) (nitride OR carbide) OR TIN OR TICN OR ON OR ("Cr. sub.3c.2sub.2" OR TIC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/10 13:54
S35	14	428/408,336,446,698,469,472.cds. AND (diamond?like NEAR1 carbon) Avoid (nanocomposite OR nano?composite) AND (titanium OR chromium OR (titanium NEAR1 (carbide OR nitride)) OR (chromium NEAR1 (nitride OR carbide) OR TIN OR TICN OR ON OR "O: sub.3C.sub.2" OR TIC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/10 14:07
S36	14	428/408,336,446,698,469,472.cols. AND ((diamond'flike NEART carbon) OR DLC) AND (nanond'composite OR nano'rcomposite OR DLN) AND (titanium OR chromium OR (titanium NEART (carbide OR nitride)) OR (chromium NEART (nitride OR carbide) OR TIN OR TICN OR ON OR "C. sub.3C.sub.2" OR Tio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/10 14:07
S37	14	428/408,336,446,998,469,472.cols. AND ((diamond'flike NEARTI carbon) OR DLC) AND (nanond'mike NEARTI carbon) OR DLC) AND (nanocomposite OR nano'rcomposite OR DLN) AND (titanium OR chromium OR (titanium NEARTI (carbide OR nitride)) OR (chromium NEARTI (nitride OR carbide) OR TIN OR TION OR "Or. Sub.3C. sub.2" OR TiO) AND layer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 10:30

EAST Search History (Interference)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S31		423/446.cds. OR 427/402.cds. OR 428/552,688,699.cds.	USPAT; UPAD	OR	ON	2009/09/08 10:02

S32	0	S31 AND ((((Ti AND Cr) OR (Titanium	USPAT; UPAD	OR	ON	2009/09/08 10:02
		AND Chromium) OR TiC OR "titanium				
		carbide" OR TiN OR "titanium nitride"				
	- 1	OR titanium OR chromium OR TiCN			1	
		OR O/N OR O/302 OR "O/.sub.30.				
		sub.2")) AND (diamond\$like NEAR2				
		nanocomposite) AND (DLC OR				
		(diamond?like NEAR1 carbon))).clm.				

1/7/2010 10:30:40 AM

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